



With the following changes, ASA's *Airframe Test Guide 2021* provides complete preparation for the FAA General Knowledge Exam. This test continues to reference the *Airman Knowledge Testing Supplement for Aviation Maintenance Technician* ([FAA-CT-8080-4G](#)).

About the Test Changes

The FAA exams are “closed tests” which means the exact database of questions is not available to the public. However, each test cycle the FAA provides a [What's New](#) document, which identifies subjects that have been removed or added to a test. This document also includes pertinent information to ensure training and testing remains correlated, which in turn promotes a reliable certification system.

The question and answer choices in this book provide a comprehensive representation of FAA questions, derived from history and experience with the airman testing process. You might see similar although not exactly the same questions on your official FAA exam. Answer stems may be rearranged from the A, B, C order you see in this book. Therefore, be careful to fully understand the intent of each question and corresponding answer while studying, rather than memorize the A, B, C answer. You may be asked a question that has unfamiliar wording; studying and understanding the information in this book and the associated reference documents will give you the tools to answer all types of questions with confidence. We invite your feedback. After you take your official FAA exam, let us know how you did. Were you prepared? Did the ASA products meet your needs and exceed your expectations? We want to continue to improve these products to ensure applicants are prepared, and become safe aviation maintenance technicians. Send feedback to: cfi@asa2fly.com

Page Number	Question Number	Correct Answer	Explanation
10	8054	[C]	The question and answer stems are changed to read: 8054. Sandwich panels made of honeycomb construction are used on aircraft because this type of construction A—has a high tensile strength and is non-flammable. B—has a low weight and is corrosion resistant. C—saves weight while not compromising strength.
12	8065	[A]	Answer stem C is changed read: C—plyable life.
22	8138-1	[A]	The question and answer stems are changed to read: 8138-1. Which part of 2017-T36 aluminum alloy indicates the temper designation? A—T36. B—2. C—17.
32	8207	[B]	The question is changed to read: 8207. When a butt-welded joint is visually inspected for penetration, the penetration should be
59	8397	[B]	Answer stem C is changed to read: C—shuttle valves.

Page Number	Question Number	Correct Answer	Explanation
75	8515	[A]	<p>The question and answer stems are changed to read:</p> <p>8515. Which oxygen system employs a regulator that operates only when the user inhales?</p> <p>A—Continuous-flow system. B—Emergency-flow system. C—Demand-flow system.</p>
84	8575	[C]	<p>The question and answer stems are changed to read:</p> <p>8575. What is the purpose of pressurizing the aircraft cabin?</p> <p>A—To permit the aircraft to operate in thunderstorms. B—To allow aircraft systems to operate properly. C—To make human flight possible in the hostile environment of the upper atmosphere.</p>